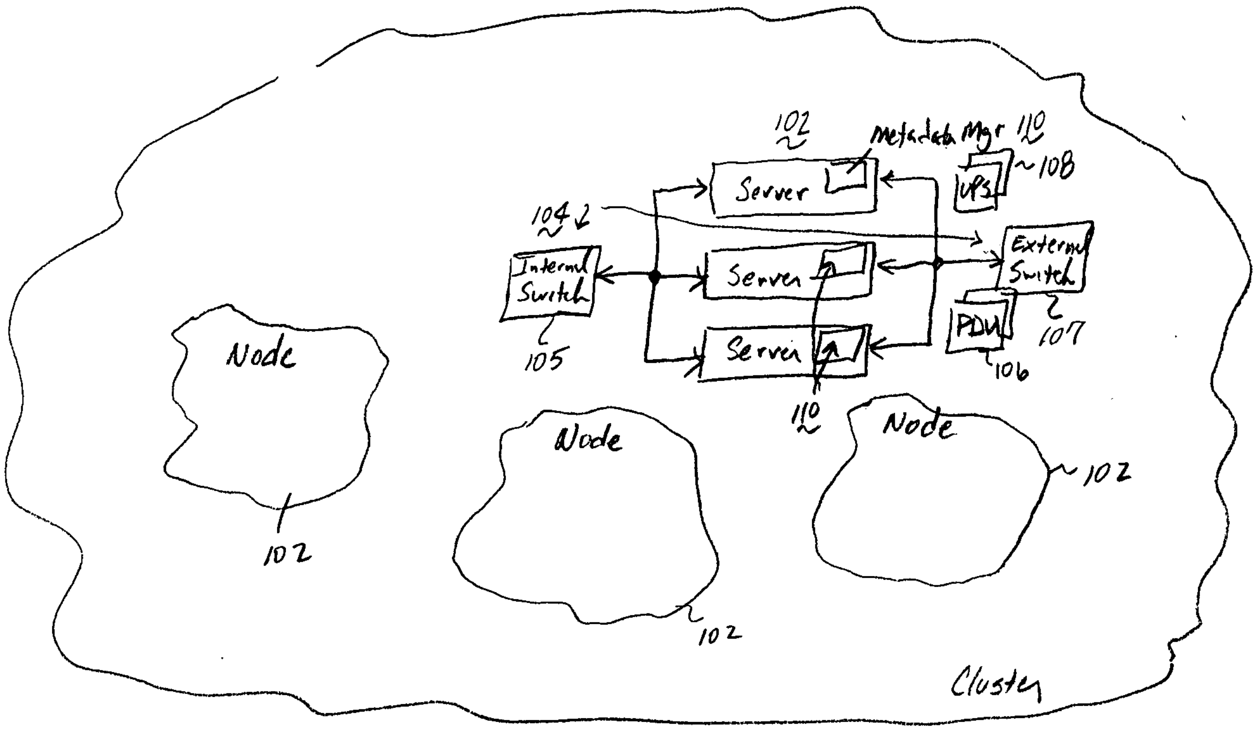

Figure 1

- Any N+K Coding algorithm can be represented in matrix form (m = n+k):

$$\begin{bmatrix} g_{11} & & g_{1n} \\ & & \\ & & \\ & & \\ g_{m1} & & g_{mn} \end{bmatrix} \begin{bmatrix} a_1 \\ \\ a_n \end{bmatrix} = \begin{bmatrix} c_1 & & & & c_m \end{bmatrix}$$

- Where $c_i=f_i(g_{i1}(c_1),\ldots, g_{in}(c_n))$

Figure 2

$(1+c)A$

$=$

1A	a_1	a_2	…	a_{m-2}	a_{m-1}	a_m
cA	a_m	a_1	…	a_{m-3}	a_{m-2}	a_{m-1}
+ key	a_1					
=	a_m					

$+\ a_m$

a_{m-1}

$+\ a_{m-1}$

a_{m-2}

$+\ a_{m-2}$

a_{m-3}

…

…

$+\ a_2$

a_1

Figure 3